

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 4/9/2014

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO. No	
CCO#: 360	SUPPLEMENT#: 0	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$22,498,750.42	
COST: \$411,167.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: W2 Cable Tie Down (ABF Field Work)			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 32

THIS CHANGE ORDER PROVIDES FOR:

At Pier W2 cable tie down pipes:

- Install dresser coupler hanger brackets at the upper dresser coupler connection with the upper steel pipe.
- Paint the hanger brackets and the steel sleeves embedded in the underside of the W2 cap beam.
- Provide access and support for Contract Change Order (CCO) 357 work performed on the cable tie down system.

The designed, furnished, and installed cable tie down system met the requirements of Special Provisions Section 10-1.44 "Cable Tie Down"; however the upper dresser couplings have loosened due to wind loading and vibrations which may result in premature strand failure if not repaired.

Multiple CCOs will be established to provide compensation to the Prime Contractor and each of the affected Subcontractors to repair and revise the Pier W2 cable tie down system. The following CCOs have been identified:

- CCO 357 "W2 Cable Tie Down (SDI)" provides for work performed by Schwager Davis Inc. (SDI).
- CCO 360 "W2 Cable Tie Down (ABF Field Work)" provides for access, support, supervision, and installation of hanger brackets by the Prime Contractor.
- CCO 362 "W2 Cable Tie Down (XKT)" provides for furnishing hanger brackets by XKT Fabrication.

This change order (CCO 360) will install and paint hanger brackets, which were furnished by CCO 362, to strengthen the connection between the upper dresser coupler and upper steel pipe. In addition, access platforms, equipment, and supervision will be provided for work performed by Subcontractor SDI (CCO 357) to repair the cable tie down system. The drainage pipe on Pier W2's column will be removed and reinstalled to provide access for work on the cable tie down system. Rust will be removed on steel sleeves, that were installed by a different Contract, galvanizing will be repaired, and paint will be applied to provide additional resistance to corrosion.

The total cost of this change order is \$411,167.00 lump sum, which can be financed from the contingency fund. A detailed cost estimate is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.


This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

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CONCURRED BY:		ESTIMATE OF COST																			
Construction Engineer:	William Casey, Sup TE	Date	3/14/14																		
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date	10/14/13																		
Project Engineer:	District Design, Jing Chen	Date	10/14/13																		
Project Manager:		Date																			
FHWA Rep.:		Date																			
Environmental:		Date																			
Other (specify):	HQ, Rich Foley	Date	3/18/14																		
Other (specify):	Struct. Maint, Lina Ellis	Date	10/17/13																		
District Prior Approval By:	HQ, Sey Hossnieh	Date	4/1/14																		
HQ (Issue Approve) By:		Date																			
Resident Engineer's Signature:																					
	Date	4/9/14																			
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